|           | Index of Claims |              |                |        |           |          |          |          |    |                              |        |       |          | pplication No. |          |            |                     |        |    |          |              | Applicant(s) |              |            |      |          |              |           |     |         |          |           |        |
|-----------|-----------------|--------------|----------------|--------|-----------|----------|----------|----------|----|------------------------------|--------|-------|----------|----------------|----------|------------|---------------------|--------|----|----------|--------------|--------------|--------------|------------|------|----------|--------------|-----------|-----|---------|----------|-----------|--------|
|           |                 |              |                |        |           |          |          |          |    |                              |        |       |          | 09/842,340     |          |            |                     |        |    |          |              |              | CRAVETAL     |            |      |          |              |           |     |         |          |           |        |
|           |                 |              |                |        |           |          |          |          |    |                              |        | ŀ     | Examiner |                |          |            |                     |        |    |          |              | GRAY ET AL.  |              |            |      |          |              |           |     |         |          |           |        |
|           |                 |              |                |        |           |          |          |          |    |                              |        |       |          |                |          |            |                     |        |    |          |              |              |              |            |      |          |              |           |     |         |          |           |        |
|           |                 |              |                | Ш      | Ш         |          |          |          | 題  |                              |        | U     |          |                |          | - 1        | Benjamin R Bruckart |        |    |          |              |              |              |            |      | 2155     |              |           |     |         |          |           |        |
|           |                 |              |                |        |           |          |          |          |    |                              |        |       |          |                |          |            |                     |        |    |          | _            |              |              | _          |      |          |              |           |     |         |          |           |        |
|           |                 |              | ,              |        |           | . 4      | 7        |          | ſ  | Т                            | (      | T     | hrou     | gh r           |          | ere        | al) Non-Elected     |        |    |          |              |              |              |            |      | A Appeal |              |           |     |         |          |           |        |
|           |                 |              | 4              | K      | ejec      | ;te      | ۱۵       |          | ľ  | 7                            |        | •     | C        | ince           | lled     | •          | N NON-EIG           |        |    |          |              | 2180         | tea          |            | Α    | Appaul   |              |           |     |         |          |           |        |
|           |                 |              |                |        |           |          | 7        |          | ľ  | + Restricted                 |        |       |          |                | ,        | I Interfer |                     |        |    |          | 1            | 0            | Objected     |            |      |          |              | 1         |     |         |          |           |        |
|           |                 |              | =              | A      | llov      | VBC      | 3        |          | ١  | Restricted                   |        |       |          | I Interference |          |            |                     |        |    | ľ        |              | UĐ           | 90           | (80        |      | l        |              |           |     |         |          |           |        |
|           |                 |              |                |        |           |          | _        |          | _  |                              |        |       |          |                |          |            |                     | _      | _  |          |              | <b>-</b>     |              |            |      |          |              |           |     | _       | <u>.</u> | _         |        |
| _         | Cla             |              |                |        |           |          | -        | _        |    |                              |        | Claim |          |                | _        | Date       |                     |        | _  |          |              |              | aim<br>I     | Н          | Oste |          |              |           |     |         | Н        |           |        |
|           | 18              | Original     | Ó              | 3      | - 1       | İ        |          |          | -  |                              |        |       | 78       | Original       |          |            |                     |        |    |          |              |              | 75           | Original   | l    | - 1      | -            |           | 1   | 1       | П        | П         |        |
| <u>ن</u>  | Finat           | 亞            | 21.            | 77     |           | ı        |          |          | 1  | Į                            | ı      |       | F        | ¥              |          | 1          | ı                   |        |    |          |              |              | F.           | 景          | П    | -        |              |           | 1   | 1       | Н        | П         |        |
| 3.24.08   |                 | -            | 19.            | 5      | 4         | 4        | 4        | _        | 4  | 4                            | _      |       |          |                | Ц        | _          | 4                   | 4      | 4- | <u> </u> | ╙            | _            | <u> </u>     | <u> </u>   | Н    | 4        | 4            | +         | +   | ╂-      | Н        | Н         |        |
| 3/        | -               | Ď            | 4              | Ξ      | +         | +        | +        | +        | +  | ┽                            | -      |       |          | 51<br>52       | ⊢        | -          | +                   | ┿      | ┿  | ╀        | ⊢┼           | -            | <b>-</b>     | 101        | Н    | +        | ╅            | ╁         | ╫   | ╫       | Н        | Н         |        |
| B         |                 | <del>'</del> | Н              | 7      | $\dashv$  | 十        | 7        | 十        | +  | +                            | 1      |       |          | 53             | Н        | $\dashv$   | 十                   | ╈      | ╈  | t        | H            | ┪::          |              | 103        |      |          | 1            | İ         |     |         |          | ਖ         |        |
| $\dot{w}$ |                 | 4            |                | Ξ      | I         | _        |          | $\Box$   | 1  |                              |        |       |          | 54             |          |            | ユ                   | I      | I  |          | $\Box$       | ]            |              | 104        |      | $\Box$   | $\bot$       | Ţ         | 1   | $\perp$ | Ц        | $\Box$    |        |
| 10        |                 | 5<br>6       | Щ              | 4      | +         | 4        | 4        | +        | +  | 4                            | -      |       |          | 55<br>56       | Н        | $\dashv$   | +                   | +      | +- | ╀        | 1            | -            | <u> </u>     | 105<br>106 |      | $\dashv$ | ╁            | ┿         | ╁   | ╂       | Н        | H         |        |
| 12        | $\mathcal{F}$   | 7            | Н              | H      | ╅         | +        | ┪        | 十        | +  | +                            | -      |       |          | 57             | Н        | +          | 十                   | ┿      | +  | ┢        | $\vdash$     | 1            |              | 107        |      |          | 1            | $\dagger$ | 1   | 士       |          |           |        |
|           |                 | 8            | 3              | ¥      | コ         | 1        | $\Box$   |          | 1  | 1                            |        |       |          | 58             |          | $\Box$     | 1                   | I      | I  |          | $\Box$       |              |              | 108        |      | $\Box$   | T            | Ţ         | Ţ   | I       | П        | $\Box$    |        |
|           |                 | Ô            | Y              |        | 4         | 4        | 4        | 4        | 4  | 4                            | _      |       |          | 59<br>68       | Н        | -          | +                   | +      | ╀  | ╀        | -            | -            | <u> </u>     | 109<br>110 |      | $\dashv$ | +            | ╀         | ╀   | ╀       | Н        | Н         |        |
|           |                 | 10           | +              | =      | ╅         | ┪        | +        | ╅        | +  | ╅                            | -      |       |          | 61             | Н        | -          | +                   | +      | ╁  | H        | ╁            | -            | _            | 111        | Н    | -        | +            | +         | 十   | 十       | H        | Н         |        |
|           |                 | 12           |                | Ξ      |           | 1        |          | 1        | 1  | 士                            |        |       |          | 62             |          |            | 1                   | 1      | 1  |          |              |              |              | 112        |      | $\Box$   | 工            | 1         | I   | I       | $\Box$   | $\square$ |        |
|           |                 | 13           | Н              | ì      | 4         | 4        | 4        | 4        | 4  | 4                            | _      |       | _        | 8              |          | $\dashv$   | 4                   | 4      | 1  | L        | Н-           | _            |              | 113<br>114 |      |          |              | ╀         | ╀   | ╁╴      | Н        | Н         |        |
|           | -               | 1 <u>4</u>   | Н              | Н      | ╅         | ┪        | ┥        | ┰        | ┪  | ╅                            | ╣      |       |          | 64<br>65       | Н        | $\dashv$   | ┰                   | ╁      | ╁  | ╁        | $\vdash$     | -            | -            | 115        |      | -        | ╁            | ╁         | ╁   | +       | Н        | H         |        |
|           |                 | 16           | ¥              |        | 1         | 1        |          | 寸        | 1  | 1                            |        |       |          | 66             |          |            | 士                   | 1      | 土  | L        |              |              |              | 116        |      | $\Box$   | 1            | I         | 工   | I       |          | 口         |        |
|           |                 | <b>(</b> )   | ¥              | ¥      | _         | 4        | 4        | 4        | _  | 4                            | _      |       |          | 67             | Н        | 1          | 4                   | $\bot$ | ╀- | L        | Н            | 4            | <u> </u>     | 117        |      | -        | +            | +         | - - | ╀       | H        | Н         |        |
|           |                 | 19           | H              | =      | $\dashv$  | ┪        | ┥        | $\dashv$ | +  | $\dashv$                     | -      |       |          | 68<br>69       | Н        | $\dashv$   | +                   | +      | ╁  | ╁        | $\vdash$     | -            | <del></del>  | 118<br>119 |      | $\dashv$ | ╅            | +         | ╁   | ╁       | Н        | Н         |        |
|           |                 | 20           | Ħ              | П      |           | I        |          | 士        | Ì  | 1                            |        |       |          | 70             |          |            | 士                   | 土      | I  | L        |              |              |              | 120        |      |          | 工            | I         |     | 1       |          |           |        |
|           |                 | 21           | $\blacksquare$ |        | _         | 4        | $\dashv$ | 4        | 4  | 4                            | _      |       |          | 71             | Н        | $\dashv$   | 4                   | +      | ╀  | ┞        | Н            | _            |              | 121        | Н    | $\dashv$ | +            | +         | ╬   | ╀       | Н        | Н         |        |
|           |                 | 23           | Н              | Н      | $\dashv$  | ┽        | ┥        | +        | +  | +                            | -      |       |          | 72<br>73       | Н        | Н          | +                   | ┿      | ╁  | ╁        | $\vdash$     | -            | -            | 123        | Н    | $\dashv$ | +            | +         | 十   | +       | H        | Н         |        |
|           |                 | 24           | Ħ              | Ш      |           |          |          | 士        | 1  | 1                            |        |       |          | 74             |          |            | 士                   | 1      | 工  | Ĺ        |              |              |              | 124        |      |          | $\Box$       | 1         | 工   | I       |          |           |        |
|           |                 | 25<br>26)    | 7              |        | _         | 4        | 4        | 4        | 4  | 4                            | _      |       |          | 75             | _        | $\sqcup$   | 4                   | +      | ╀- | Ļ        | Н            | _            | <u> </u>     | 125<br>126 |      | 4        | +            | +         | ╀   | ╀       | ╀╌       | Н         |        |
|           |                 | 27           | Ţ              | ľ      | ┰         | ╅        | ┥        | +        | ┪  | +                            | ┥      | :::   |          | 76<br>77       | Н        | Н          | ╅                   | +      | ╁╴ | ╁        | ╁            | -            | ⊢            | 127        |      | 1        | ╅            | 十         | ╅   | ╁       |          | Н         |        |
|           |                 | 28           |                | Ħ      | 士         | 1        | ╛        | 士        | 1  | 士                            |        |       |          | 78             |          |            | 土                   | 1      | İ  | I        | 口            | ן יין        |              | 128        |      |          | I            | 工         | I   | I       |          |           |        |
|           |                 | 29           | Д              | Ц      | $\Box$    | $\dashv$ | コ        | $\bot$   | 1  | 4                            | _      |       |          | 79             | П        | Ц          | Ţ                   | Ŧ      | F  | $\vdash$ | H            | ]::          | ļ            | 129        | H    | Ц        | 4            | Ŧ         | +   | +-      | $\vdash$ | Н         |        |
|           |                 | 30<br>31     | Н              | Н      | +         | $\dashv$ | +        | $\dashv$ | 4  | $\dashv$                     | ┥      |       |          | 80<br>81       | Н        | Н          | ╁                   | +      | ╁  | ╁        | ╁            | -            | -            | 130<br>131 |      | $\dashv$ | +            | +         | +   | +       |          | Н         |        |
|           |                 | 32           |                | Ħ      | 士         | <u>ナ</u> | 」<br>    | 士        | 1  | 士                            |        |       |          | 82             |          |            | 士                   | 1      | 1  | L        | 止            |              |              | 132        |      | 口        | 1            | 1         | I   | I       |          | 口         |        |
|           |                 | 33           | П              |        | $\Box$    | Ţ        | コ        | $\bot$   | Į  | $\operatorname{\mathcal{I}}$ | $\Box$ |       |          | 83             | Ц        | Ц          | 4                   | T      | Ţ  |          | $\coprod$    | _            | <u> </u>     | 133        |      | Ц        | 4            | +         | +   | +       |          | Н         |        |
|           | $\vdash$        | 35           | Н              | Н      | -+        | +        | ᆉ        | +        | ┥  | +                            | ┩      |       |          | 85             | Н        | Н          | +                   | +      | +  | +        | ╁            | -            | <del> </del> | 134        | _    | +        | 十            | 十         | +   | 十       | +        | Н         |        |
| •         |                 | 36           |                | H      | ╛         | _        | 士        | 士        | _  | _                            |        |       |          | 88             |          | 口          | 士                   | 土      | 1  | L        | 廿            | ן            |              | 136        |      |          | 1            | 1         | I   | I       |          | 口         |        |
|           |                 | 37           | Π              | П      | $\Box$    | 4        | 4        | 4        | 4  | 4                            | _      |       |          | 87             | П        | $\Box$     | 4                   | 7      | 1  | 1        | Н            | -            | <b>_</b>     | 137        |      | Н        | 4            | +         | +   | ╀       | ╀        | Н         |        |
|           | $\vdash \dashv$ | 38           | Н              | Н      | $\dashv$  | $\dashv$ | $\dashv$ | +        | +  | +                            | -      |       | _        | 88             | Н        | H          | +                   | +      | +  | ╁        | ╁            | -            | $\vdash$     | 138<br>139 |      | H        | 十            | 十         | +   | +       |          | Н         | :<br>- |
|           |                 | 40           |                | Ħ      | ⇉         | ⇉        | _        | 士        | 1  | ╛                            |        |       |          | 90             |          | □          | 土                   | 士      | 土  | T        |              |              |              | 140        |      | 口        | 1            | 1         | 1   | I       |          | 口         |        |
|           |                 | 41           | Ц              | П      | $\supset$ | $\beth$  | 耳        | $\Box$   | J  | 4                            | _      |       |          | 91             | Ц        | Ц          | 1                   | 1      | Ŧ  | L        | $oxed{\Box}$ | -            | <u> </u>     | 141        |      | Н        | +            | 4-        | +   | +       | ╁        | Н         | •      |
|           | $\vdash$        | 43           | Н              | Н      | $\dashv$  | $\dashv$ | $\dashv$ | +        | +  | +                            | -      | ::    |          | 92<br>93       | Н        | H          | +                   | +      | +  | ╁        | $\vdash$     | -            | $\vdash$     | 143        | _    | H        | 十            | 十         | +   | +       | 十        | Н         |        |
|           |                 | 44           |                | $\Box$ |           | J        |          | 士        | 1  | 士                            |        |       |          | 94             | Ħ        | ㅂ          | I                   | İ      | 1  | I        |              |              |              | 144        |      |          | 工            | I         | I   | I       |          |           |        |
|           |                 | 45           | П              | Ц      | $\dashv$  | 4        | $\dashv$ | $\dashv$ | 4  | 4                            | _      |       |          | 95             | $\Box$   | Н          | 4                   | #      | Ŧ  | F        | H            | - ::         | _            | 145        |      | Н        | +            | +         | +   | ╀       | ╀        | Н         |        |
|           | $\vdash$        | 46           | Н              | Н      | $\dashv$  | $\dashv$ | ┥        | +        | +  | +                            | -      |       |          | 96<br>97       | Н        | H          | ╅                   | +      | +  | +        | ╁            | - ::         | $\vdash$     | 147        |      | H        | +            | +         | +   | †       | T        | H         |        |
|           |                 | 48           |                |        | コ         | ⇉        | ゴ        | ゴ        | 1  | コ                            |        |       |          | 98             |          | 口          | ユ                   | 1      | I  | I        | 口            |              |              | 148        |      | 口        | ightharpoons | 1         | ļ   | I       | F        | 口         |        |
|           |                 | 49           |                | Ц      | $\dashv$  | 4        | _        | 1        | 4  | $\downarrow$                 | _      |       |          | 99             | $\vdash$ | Н          | $\bot$              | 4      | +  | $\perp$  | 1            | -            | <b> </b>     | 149        |      | dash     | +            | +         | +   | ╀       | +-       | Н         | I      |
|           | L               | 50           | _              |        | $\perp$   |          |          |          | _1 | _1                           |        | • • • | L        | 100            |          | ı_l        | L                   | _1_    | 1  | 1_       | <u> </u>     | _:::         | :1           | 150        |      | L        |              |           | ┸   |         |          | لـــنـ    |        |